

**PURCHASE ORDER**

QR-ADMPPS-04

**INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE**DOST Compound, Gen. Santos Ave., Bicutan, Taguig City  
DOST Trunkline: 837-2071 local 2220 / 2221

R. 031 GF

Supplier:	<b>INSTRUMIX SUPPLIER, INC.</b>		<b>GF-E-541-2017</b>
Address: Unit 433/434 Cityland Pasong Tamo Tower, 2210 Chino Roces Ave., Makati City (3) PO-084	Date:	December 29, 2017	
	Mode of Procurement:	Public Bidding	
	Resolution No.	ITDI-PB-170040	
	PR #	13-2017-0864	ASC #

Gentlemen:

Please furnish this office the following articles to the terms and conditions contained herein:

Place of Delivery:	<b>Metrology Bldg. (not later than 3:00 P.M.)</b>	Delivery Term:	<b>Ninety (90) days</b>		
Date of Delivery:		Payment Term:			
Stock No.	Unit	Description	Quantity	Unit Cost	Amount
1	unit	<b>SHIMADZU FOURIER TRANSFORM INFRARED SPECTROPHOTOMETER</b> Model: IR tracer-100 Features: ~Uses High sensitivity DLATGS detector for high-sensitivity measurements; with highest signal to noise (S/N) Ratio of 60,000:1 ~Performs high resolution and high speed analysis ~With highly Stable Interferometer achieved with dynamic alignment mechanism (JPN patent No. 3613171) ~With interferometer in air tight structure, equipped with internal auto-dryer ~With self-diagnose functions for easy instrument management ~Measurement interface with a very high mechanical and chemical robustness ~Highly insensitive of vibrations ~Easily operated and easy cleaning ~Can perform analysis without sample preparation for solid and liquid samples SPECIFICATIONS: Interferometer: Michelson interferometer (30° incident angle) Equipped with Advanced Dynamic Alignment system Sealed interferometer with Automatic Dehumidifier	1	1,588,000.00	1,588,000.00

Page 1 of 4 pages

(Total Amount in Words)

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Very Truly yours,

Conforme:

(Signature over printed name)

(Date)

Requisitioning Office/Dept.	Funds Available:	Amount
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**INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE**

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City

DOST Trunkline: 837-2071 local 2220 / 2221

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Address: Unit 433/434 Cityland Pasong Tamo Tower, 2210 Chino Roces Ave., Makati City  (3) PO-084	Date:	<b>December 29, 2017</b>	
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Date of Delivery:		Payment Term:			
Stock No.	Unit	Description	Quantity	Unit Cost	Amount
		<b>TOTAL CARRIED FORWARD</b>			<b>1,588,000.00</b>
		<i>Optical system: Single-beam optics</i>			
		<i>Beam splitter: Germanium-coated KBr for Middle IR</i>			
		<i>Light source: High-energy ceramic light source with 3 years guaranteed</i>			
		<i>Detector: DLATGS detector with temperature control for Middle/Far IR</i>			
		<i>Wavenumber range: 7,800 to 350 cm-1</i>			
		<i>Resolution: 0.25, 0.5, 1,2,4,8,16cm-1 (Middle/Far IR)</i>			
		<i>Wavenumber accuracy: 0.01cm-1</i>			
		<i>S/N ration: 60,000:1 (Standard; 4 cm-1 resolution, 1 min. scan, around 2,200cm-1, peak-to-peak</i>			
		<i>Mirror speed: 4-step selection of 2.0, 2.8, 5, or 9mm/sec</i>			
		<i>Data sampling: He-Ne laser with 30 months guaranteed</i>			
		<i>Sample compartment: Equipped with automatic accessory recognition Mechanism 200(W) x 230(D) x 170(H) mm</i>			
		<i>Center focus</i>			
		<i>Dimensions: 600(W) x 665(D) x 295(H) mm</i>			
		<i>Weight: 47kg</i>			
		<u>Labsolutions IR Software</u>			
		<u>Features:</u>			
		<i>-High Performance Software and very easy to operate</i>			
		<i>-High level security and user administration functions</i>			
		<i>-More efficient managerial procedures</i>			
		<i>-Suitable for ER/ES regulations such as FDA 21 CFR part II, PIC/S and others</i>			

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(Total Amount in Words)

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Very Truly yours,

Conforme:

(Signature over printed name)

(Date)

Requisitioning Office/Dept.

Funds Available:

Amount

ALOPS No.

# PURCHASE ORDER

## INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

QR-ADMPPS-04

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City  
DOST Trunkline: 837-2071 local 2220 / 2221

18-031 GF

Supplier:	INSTRUMIX SUPPLIER, INC.	P.O. No.:	GF-E-541-2017
Address: (3) PO-08-4	Unit 433/434 Cityland Pasong Tamo Tower, 2210 Chino Roces Ave., Makati	Date:	December 29, 2017
		Mode of Procurement:	Public Bidding
		Resolution No.	ITDI-PB-0040
		PR #	13-2017-0864
		ASC #	

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Place of Delivery:	Metrology Bldg. (not later than 3:00 P.M.)	Delivery Term:	Ninety (90) days		
Date of Delivery:		Payment Term:			
Stock No.	Unit	Description	Quantity	Unit Cost	Amount
		<b>TOTAL CARRIED FORWARD</b>			1,588,000.00
		<p><i>-Extensive Spectra Library and high performance search functions</i></p> <p><i>-Features a Library containing approximately 12,000 spectra</i></p> <p><i>-With analysis support programs (Contaminant and Pharma Report)</i></p> <p><i>-Complies with European and Japanese Pharmacopoeias and ASTM for validation programs</i></p> <p><b>Accessories Included:</b></p> <p><i>-Attenuated Total Reflection (ATR) accessory designed for laboratory spectroscopic sample analysis in the mid-and far infrared</i></p> <p><i>-Desktop Computer (500 GB hard disk, i5 processor, 4 GB RAM and 21" monitor) with UPS (15 minutes or better) and printer (continuous ink supply system)</i></p> <p><b>Country of Origin: JAPAN</b></p> <p><b>Equipment Warranty: Warranty for three (3) years on parts and service which shall commence after the equipment was turned over to the customer in perfectly running condition. Defective parts and faulty materials will be replaced FREE OF CHARGE. However, non-compliance to the operation manual of the equipment and improper handling voids the warranty</b></p>			

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(Total Amount in Words)

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Very Truly Yours,

Conforme:

(Signature over printed name)

(Date)

Requisitioning Office/Dept.	Funds Available:	Amount
Chief-STD	Accountant IV	ALOBS No.

PD form/PPS/Rev1



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	Resolution No. PR # 13-2017-0864	ITDI-PB-170040 ASC #	

Gentlemen:

Please furnish this office the following articles to the terms and conditions contained herein:

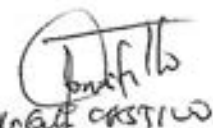
Place of Delivery:	Metrology Bldg. (not later than 3:00 P.M.)	Delivery Term:	Ninety (90) days		
Date of Delivery:		Payment Term:			
Stock No.	Unit	Description	Quantity	Unit Cost	Amount
		<b>TOTAL CARRIED FORWARD</b>			<b>1,588,000.00</b>
		<i>Replaceable consumables included during preventive maintenance</i> <b>Preventive Maintenance included in the Warranty</b> <b>Installation and Commissioning: Free-of-charge by Factory Trained Engineer</b> <b>Includes installation and commissioning; certificates of installation qualification, operational qualification and equipment qualification</b> <b>On-site Training: Includes local training on operation, maintenance and troubleshooting of equipment</b>			
			Less: VAT EWT	70,892.86 14,178.57	85,071.43 <u>1,502,928.57</u>
END-USER:	ALLEN B. TONGSON				
CHARGE TO:	Metrology Program: Project 1				
PREPARED BY:	<div style="text-align: center;"><i>AS</i> <b>ROCHEL LEE C. DELUTA</b> Administrative Officer V</div>				

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(Total Amount in Words) One million five hundred two thousand nine hundred twenty eight pesos & 57/100



In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

Conforme:

  
 (Signature over printed name)  
Feb 6, 2018  
 (Date)

Very Truly yours,

  
**MARIA PATRICIA V. AZANZA, PhD.**  
 Director

Requisitioning Office/Dept.	Funds Available:	Amount ALOBS No.
 <b>DR. ROSALINDA C. TORRES</b> Chief-STD	 <b>SOLEDAD S. REYES</b> Accountant IV	<div style="text-align: right;"><i>1,588,000.-</i></div> <u>201712 2018</u>